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CImpto

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C.P.

1. (amended) A liquid crystal display comprising:  
a liquid crystal display panel for modulating light to form an image; and

a back light unit having a plurality of lamp tubes without inside electrodes and which are discharged by outside electrodes disposed along an outer surface of said at least one of said plurality of lamp tubes, said back light unit being disposed behind said liquid crystal display panel;

wherein one outside electrode disposed at said at least one of said plurality of lamp tubes is electrically connected with another outside electrode disposed at an adjacent another of said plurality of lamp tubes.

2. (amended) A liquid crystal display according to claim 1, wherein said at least one of said plurality of lamp tubes has at least one power supply electrode and at least one ground electrode.

3. (amended) A liquid crystal display according to claim 1, wherein said at least one of said plurality of lamp tubes has at least one bent portion.

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4. A liquid crystal display comprising:  
a liquid crystal display panel for modulating light to form an image; and  
a back light unit having at least one lamp tube without inside electrodes and  
which is discharged by outside electrodes disposed along an outer surface of said at  
least one lamp tube, said back light unit being disposed behind said liquid crystal  
display panel;  
wherein said at least one lamp tube has a plurality of substantially parallel line  
portions and at least one bent portion, at least one outside electrode disposed at each  
line portion, and said at least one outside electrode disposed at one of said plurality  
of substantially parallel line portions of said at least one lamp tube is electrically  
connected with another of said at least one outside electrode disposed at an adjacent  
another of said plurality of substantially parallel line portions of said at least one lamp  
tube.

5. A liquid crystal display according to claim 4, wherein said one of said  
plurality of substantially parallel line portions has at least one power supply electrode  
and at least one ground electrode.

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6. A liquid crystal display comprising:

a liquid crystal display panel for modulating light to form an image, and a back light unit having at least one lamp tube without inside electrodes and which is discharged by outside electrodes disposed along an outer surface of said at least one lamp tube including a plurality of power supply electrodes and a plurality of ground electrodes, said back light unit being disposed behind said liquid crystal display panel;

wherein said outside electrodes include:

first and second power supply electrodes; and

first and second ground electrodes disposed between said first and second power supply electrodes; and

wherein no power supply electrode is disposed between said first and second ground electrodes.

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7. A liquid crystal display according to claim 6, wherein said outside electrodes further include at least one ground electrode disposed outside of an area between said first and second power supply electrodes.

8. A liquid crystal display according to claim 6, wherein said outside electrodes which are disposed at both ends of said at least one lamp tube are said ground electrodes.

9. A liquid crystal display according to claim 6, wherein said outside electrodes which are disposed at both ends of said at least one lamp tube are said power supply electrodes.

10. A liquid crystal display according to claim 6, wherein said outside electrodes further include:

a third power supply electrode; and

third and fourth ground electrodes disposed between said second and third power supply electrode;

wherein said second power supply electrode is disposed between said first and third power supply electrode.

11. A liquid crystal display according to claim 6, wherein said back light unit has a plurality of said lamp tubes.

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12. A liquid crystal display according to claim 6, wherein said at least one lamp tube has at least one bent portion.
13. A liquid crystal display according to claim 6, wherein said at least one lamp tube includes a material selected from the group consisting of a fluorescence material, an inert material and a material for generating ultraviolet rays.
14. A liquid crystal display according to claim 6, wherein said at least one lamp tube is pressurized in a range of 10 to 100 Torr.
15. A liquid crystal display according to claim 6, wherein said at least one lamp tube is pressurized in a range of 50 to 70 Torr.
16. A liquid crystal display according to claim 6, wherein said outside electrodes are formed in one of a ring shape and an arc shape on said at least one lamp tube.
17. A liquid crystal display according to claim 6, wherein said power supply electrodes are supplied with a high frequency voltage of at least 1.5 MHz.
18. A liquid crystal display according to claim 6, wherein said back light unit has an electromagnetic shield material for said at least one lamp tube.

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--19. A liquid crystal display according to claim 1, wherein said one outside electrode disposed at said at least one of said plurality of lamp tubes is a power supply electrode and is electrically connected with said another outside electrode which is another power supply electrode disposed at said adjacent another of said plurality of lamp tubes.

20. A liquid crystal display according to claim 19, wherein said outside electrodes include at least one ground electrode and one outside ground electrode disposed at said at least one of said plurality of lamp tubes is electrically connected with another outside ground electrode disposed at said adjacent another of said plurality of lamp tubes.

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21. A liquid crystal display comprising:

a liquid crystal display panel for modulating light to form an image; and

a back light unit having a plurality of lamp tubes without inside electrodes and which are discharged by outside electrodes disposed along an outer surface of said at least one lamp tube, said back light unit being disposed behind said liquid crystal display panel;

wherein said outside electrode include at least two kinds of electrodes having different voltages applied thereto;

a plurality of groups of electrodes are constructed so that electrodes in each group are arranged in a substantially line configuration with respect to a direction transverse to an extending direction of a respective one of said lamp tubes and electrically interconnected with an electrode of an adjacent lamp tube;

each group of electrodes is arranged at a different position of said plurality of lamp tubes with respect to the extending direction of a respective one of said lamp tubes so that a same kind of said at least two kinds of electrodes is only arranged in the same line with respect to the transverse direction.

22. A liquid crystal display according to claim 21, wherein said outside electrodes include at least one power supply electrode.

23. A liquid crystal display according to claim 22, wherein said outside electrodes include at least one ground electrode.--